



OeAW - Discovering the future

As a central non-university institution for science and research, the **Austrian Academy of Sciences - OeAW** has the task of "**promoting science in every respect**". Founded in 1847 as a learned society, it now has over 760 members and around 1,800 employees dedicated to innovative basic research, interdisciplinary knowledge exchange and the dissemination of new insights. The OeAW initiates and maintains partnerships worldwide and represents Austria in international scientific organizations; it cooperates with numerous institutions in the scientific field in order to actively **shape the research landscape**.



Postdoc (f/m/x) in the Mathematical Modeling in Medicine and Life Sciences Group

Job ID: RICAM060PD226

The Austrian Academy of Sciences (OeAW), Austria's leading non-university research and science institution, is offering a Position as

Postdoc (f/m/x) in the Mathematical Modeling in Medicine and Life Sciences Group

The position is available for a duration of 9 months. Place of employment is Linz. The working language is English. (part-time, 10 h per week)

Your Tasks

The hired person will work on the development and implementation of mathematical models and numerical algorithms for cardiac Pulsed Field Ablation, in particular related to multiscale time-dependent models. The work will not only include the validation of the algorithms via simulations, but also the development of computing software and its validation with our experimental data. For more information contact Dr. Argyrios Petras at argyrios.petras@ricam.oeaw.ac.at.

Your Profile

- PhD in Applied Mathematics or a related area.
- Strong background in numerical mathematics and modelling is required.
- Experience in programming.
- English skills needed.

Our Offer

- Excellent opportunities to work in a lively research environment and collaborate with international experts in the fields related to the project.
- The minimum annual gross salary for this position is EUR 70.167,44 (full-time based), in accordance with the collective agreement of the Austrian Academy of Sciences (ÖAW). For part-time employment, the salary will be adjusted on a pro rata basis in line with the agreed working hours.

APPLY NOW

The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups

are particularly encouraged to apply. The OeAW cooperates with NEBA and is a member of MyAbility in order to provide appropriate workplace structures, in particular for persons with disabilities.

Contact

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